

## WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

<b>APPLICATION NO./COURT CLAIM NO.</b> CS4-01863CTCL @ 8		<b>Today's Date:</b> May 26, 2005
<b>APPLICANT NAME</b> Washington Water Trust	<b>CONTACT NAME</b> Kelly McCaffrey	<b>TELEPHONE NO.</b> 206-675-1585 x103
<b>WATER RIGHT HOLDER'S NAME (if different)</b> Robert Barkshire		<b>EMAIL</b> <a href="mailto:kelly@thewatertrust.org">kelly@thewatertrust.org</a>

<b>DATE OF APPLICATION</b> 04/25/2005	<b>PRIORITY DATE</b> June 30, 1887
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<b>WATER SOURCE:</b> NF Teanaway River	<b>CROP:</b> Timothy Hay
<b>INSTANTANEOUS QUANTITY:</b> 0.2 cubic feet per second	<b>ANNUAL QUANTITY:</b> 40 acre feet per year
<b>PERIOD OF USE:</b> May 1 – Sept 15	
<b>PLACE OF USE:</b> On 10 acres in Kittitas County -- NE1/4SW1/4 and that portion of the SE1/4NW1/4 lying south of the county road, all in Section 5, T. 20 N., R. 16 E.W.M.  (Parcel C of Survey recorded in Book 17, pages 190 and 191, Auditor's File No. 539752, records of Kittitas County.)  <span style="background-color: #00FF00;">Parcel map</span>	<b>PURPOSE OF USE:</b> Irrigation
<b>IRRIGATION METHOD:</b> Flood irrigation	

<b>CONSUMPTIVE USE CALCULATION:</b> Consumptive use is based on the Washington Irrigation Guide crop irrigation requirement (CIR) estimate for clover in the Cle Elum area. In calculating the CIR, clover was used as a proxy for Timothy Hay. The average CIR for clover is 19.11 inches per acre annually (season including June, July, August, and September). In 2005, 2006, 2007, 2008, and 2009, from May 1 through September 15, Robert Barkshire will be fallowing 10 acres under this water right. CIR for Sept: $(3.67/30 \text{ days in Sept} = 0.1223 \text{ in})$ then $(15 \text{ days} \times 0.1223 = 1.835 \text{ in})$ CIR for season May 1 – Sept 15: $(3.54 \text{ (June)} + 6.84 \text{ (July)} + 5.06 \text{ (August)} + 1.835 \text{ (September)}) = 17.275 \text{ in}$
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$$((17.275 \text{ in} \times 1 \text{ ft}/12 \text{ in})(9.8 \text{ acres}) = \underline{14.1 \text{ af/yr}})$$

**NARRATIVE DESCRIPTION OF PROJECT:**

Robert Barkshire was confirmed an 1887 priority date water right under court claim number 01863 in Subbasin No. 3 (Teanaway). The Washington Water Trust is proposing a temporary transfer of this water right. The water will be placed in the State Trust Water Rights program. Mr. Barkshire's transfer application proposes to change the purpose of use from irrigation to instream flow and change the place of use to the Teanaway River and the Yakima River downstream to the Columbia River to improve instream flows for five irrigation seasons (from 2005 through 2009). Mr. Barkshire's irrigation season, as provided by his 1887 priority date water right, is from May 1 to September 15. Therefore, in 2005 through 2009, Mr. Barkshire will not irrigate 10 acres under the 1887 priority date water right from May 1 to September 15.



